(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



10/511055

(43) International Publication Date 23 October 2003 (23.10.2003)

PCT

(10) International Publication Number WO 03/087132 A2

(51) International Patent Classification7:

C07K

- (21) International Application Number: PCT/US03/11055
- (22) International Filing Date: 11 April 2003 (11.04.2003)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/372,524

12 April 2002 (12.04.2002) US

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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

7132 A

(54) Title COMPOSITIONS AND METHODS FOR EVALUATING AND DESIGNING NUCLEAR RECEPTOR LIGANDS THAT MODULATE CO-REGULATOR AFFINITY

(57) Abstract: Isolated corepressor peptides derived from a nuclear receptor interacting motif of corepressor Nuclear Receptor Corepressor (NCoR) or Silencing Mediator of Retinoid and Thyroid receptors (SMRT) are provided which binds to nuclear receptor ligand binding domains. Methods of using these peptides to evaluating selectivity of a ligand for a nuclear receptor subtype and quantitatively profiling selectivity of a test compound for a nuclear receptor are also provided.

